Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A project assessment system including computer programs recorded on computer readable medium ~~that assists to assess~~ for assessing a project consisting of plurality of processes by computing forecast estimates of said project based on a set of information ~~as starting information, progress information and up-to-date information of said project comprising~~, the computer programs instruct a computer to perform the functions of:

~~a computer process that computes,~~ computing, by using process planning information of said project, up-to-date actual progress information of said project, and forecast model information of said project that defines in a probability distribution estimates of variances of a plurality of parameters that are substantial measures of said project, ~~at least one of~~ estimation values of said parameters ~~of said each process~~ for at least one of the-processes

wherein forecast estimates of the variances of the plurality of parameters are obtained by using random numbers, and

~~another computer process that enables to assess said project by judging~~ assessing the project by determining whether said estimation values satisfy a predetermined criterion or a result of a mutual comparison of said estimation values ~~against each different process~~ to the at least one process satisfies a predetermined criterion.

2. (Currently amended) A project assessment system as defined in Claim 1, wherein said parameters include at least one of parameters among starting date, ending date, job volume, workdays, man-days, material quantities ~~and~~ or cost.

3. (Currently amended). A project assessment system as defined in Claim 1, wherein ~~said estimates of variances of said parameters are defined by a probability distribution, said computer process has functionalities to compute forecast estimates of variances of a plurality of parameters by using random numbers and to compute~~ said computing function further includes computing forecast estimates of other processes that have positive mutual-correlation against variation pattern of an estimate of a variance of an arbitral parameter of an arbitral process based on a plurality of said forecast estimates obtained by generating a plurality of random number sets ~~and said another computer process assesses said project by using said forecast estimates of other processes~~ and

the assessing function makes the determination base in part on the forecast estimates of other processes.

4. (Currently amended) A project assessment system as defined in Claim 1, wherein said estimates of variances of said parameters are defined by a probability distribution, and

said ~~computer process has functionalities to compute~~ computing function further includes computing forecast estimates of variances of a plurality of parameters by using random numbers and ~~to compute~~ computing forecast estimates of other processes that have positive mutual-correlation ~~against~~ to a variation pattern of an estimate of a variance of an arbitral parameter of an arbitral process based on a plurality of said forecast estimates obtained by generating a plurality of random number sets ~~and said another computer process assesses said project by using said forecast estimates of other processes~~ ,

and the assessing function makes the determination base in part on the forecast estimates of other processes.

5. (Currently amended) A project assessment system as defined in Claim 1, wherein ~~said estimates of variances of said parameters are defined by a probability distribution, said computer process has functionalities to compute forcast estimates of~~

~~variances of plurality of parameters by using random numbers and to compute~~ said computing function further includes computing a standard deviation of summation of all processes against an estimate of a variances of an arbitral parameter of an arbitral process and a standard deviation of a summation of processes subtracted a specific process from all processes based on a plurality of said forecast estimates obtained by generating a plurality of random number sets ~~and said another computer process assesses said project by using said forecast estimates of other processes~~, and

the assessing function makes the determination base in part on the forecast estimates of other processes.

6. (Currently amended) A project assessment system as defined in Claim 1, wherein said ~~compute process computes~~ computing function further includes computing a time-series data of said actual progress of variances of said parameters up to a time to carry out assessment and a time-series data of said estimates of variances of said parameters ~~from time~~ from a time to carry out assessment to a future time ~~and said another computer process assesses information of mutual correlations between said time-series data of each pair of processes~~ ,

and the assessing function makes the determination base in part on mutual correlations between the time-series data.

7. (Currently amended) A project assessment system as defined in Claim 1, wherein said ~~compute process computes~~ computing function further includes computing, by using a group of time-series data consisting of time-series data of said actual progress of variances of said parameters up to a time to carry out assessment and time-series data of said estimates of variances of said parameters from a time to carry out assessment to a future time, a degree of mutual correlation of a said group of time-series data by setting a specific critical condition for variation range of said at least one of said parameters among starting date, ending date, job volume, workdays, man-days, material quantities and cost ~~and said another computer process assesses said~~

~~project by using said information of said specific critical condition set for a resultant high mutual correlation .~~,

and the assessing function makes the determination base in part on the degree of mutual correlations between the time-series data.

8. (Currently amended) A project assessment system including computer programs recorded on computer readable medium ~~that assists to assess~~ for assessing a project consisting of plurality of processes by computing ~~said~~ forecast estimates of said project based on a set of information ~~of starting information, progress information and up-to-date information of said project~~, comprising:

a process planning ~~data base~~ database including process planning information of said project,

an actual progress information ~~data base~~ database including up-to-date actual progress information of said project,

a forecast model ~~data base~~ database including forecast model information of said project that defines in a probability distribution at least one of estimates of variances of a plurality of parameters that are substantial measures of said project,

a forecast estimation computation device that computes an ~~estimate of a variance of~~ forecast ~~estimation of said parameters~~ estimates of the variances of the plurality of parameters by using random numbers, and

a project assessment device ~~to assess~~ that assesses said project based on said estimates and a selected assessment scheme.

9. (Currently amended) A project assessment system as defined in Claim 8, wherein said forecast estimation computation device ~~has functionalities to compute an~~ computes the estimate of a variance of said forecast estimation of said parameters and ~~to output~~ outputs processed values thereof ~~regarding to said forecast estimation as an evaluation value~~ in response to said selected assessment scheme.

10. (Currently amended) A project assessment system as defined in Claim 8, wherein said project assessment device is a computer device comprising;

a storage device to store said process planning ~~data~~ database, said actual progress information ~~data base~~ database, and said forecast model ~~data base~~ database, a CPU that realizes functions ~~as~~ of said forecast estimation computation device and said project assessment device, and

a display device to output an assessment result as an output device.

11. (Currently amended) A project assessment system as defined in Claim 8, wherein said project assessment device is a computer device comprising;

a storage device ~~to store~~ storing said process planning ~~data~~ database, said actual progress information ~~data base~~ database, and said forecast model ~~data base~~ database,

a CPU that realizes functions ~~as~~ of said forecast estimation computation device and said project assessment device, and

a display device ~~of~~ for displaying an assessment result ~~that has~~ having a graphic display presentation for selecting a project assessment scheme, ~~by which selection of a~~ the project assessment scheme is ~~carried out~~ selected through an input device.

12. (Currently amended) A project assessment method ~~by which an assist is carried out to assess~~ assessing a project consisting of plurality of processes by computing ~~the~~ forecast estimates of said project based on a set of information ~~as starting information, progress information, and up to date information of said project~~, comprising:

~~a step that memorizes~~ storing process planning information of said project, up-to-date actual progress information of said project, and forecast model information of said project that defines in a probability distribution estimates of variances of a plurality of parameters that are substantial measures of said project, ~~at least one of said parameters of said estimation values of each process,~~ for at least one of the processes

~~another step to compute~~ computing at least one of parameters among starting date, ending date, job size, workdays, man-days, material quantities ~~and~~ or cost by using said process planning information, said actual progress information and said forecast model information, and

~~a judgment step to judge~~ assessing one of said parameters by determining whether said estimate satisfies a predetermined criterion or a result of a ~~mutual~~ comparison of said estimation value ~~against each different process~~ to one of the processes satisfies a predetermined criterion~~, wherein at least one of said parameters is assessed on the basis of a result obtained in said judgment step~~.

13. (Currently amended) A project assessment method as defined in Claim 12, wherein

said estimates of variances of said parameters are defined by a probability distribution, ~~a step to compute~~ and further includes

computing forecast estimates of variances of a plurality of parameters by using random numbers, and

~~a step to compute~~ computing a plurality of said forecast estimates of variances obtained by generating a plurality of random number sets ~~are further included and~~

~~said judgment step assess said project~~.

14. (Currently amended) A project assessment method as defined in Claim 12~~, wherein~~ further includes estimating the starting date by steps comprising:

~~a step to compute~~ computing an estimate of the starting date as said at least one of parameters, ~~has functions to~~

~~judge~~ determining whether ~~a~~ an objective process has a pre-sequential order limited process by using ~~information of said~~ process planning information, ~~and to resultantly set~~

setting an ending date of said pre-sequential order limited process as a reference for starting date of said objective process for a case that said objective process has said pre-sequential order limited process, and

~~set~~ setting a starting date of estimated starting date of said process as a reference for starting date of said objective process for a case that said objective process does not have said pre-sequential order limited process,

~~to extract~~ extracting information of probability distribution model of a variance of starting date from said forecast model information ~~of said project~~,

~~to compute~~ computing a standard normalized random number set by a simulation based on a variance of starting date,

~~to compute~~ computing a reference for a variance by using said standard normalized random number set, and

~~to judge~~ determining whether said reference for a variance is in a range of a variance of starting date based on said forecast model information ~~of said project~~,

~~so that~~ adding said reference for variance as a variance of starting date to said reference for starting date for a case that said reference for a variance is in a range of a variance of starting date~~, and~~

~~said estimate of starting date is obtained therein~~.

15. (Currently amended) A project assessment method as defined in Claim 12, ~~wherein~~ further includes estimating the starting date by steps comprising:

~~a step to compute~~ computing an estimate of elementary unit including man-days and material quantities as said at least one of parameters,

~~has functions to judge~~ determining whether a similar kind job to an objective process is stored in said actual progress information ~~data base~~, and

~~to resultantly set~~ setting an actual elementary unit for a reference for a elementary unit for a case that a similar kind job to an objective process is stored in said actual progress information, ~~data base~~ and

~~set~~ setting a planned elementary unit for a reference for a elementary unit for a ~~chase~~ case that a similar kind of job to an objective process is not stored in said actual progress information ~~data base~~,

~~to extract~~ extracting information of probability distribution model of a variance of an elementary unit from said forecast model information ~~of said project~~,

~~to compute~~ computing a standard normalized random number set by a simulation based on a variance of said elementary unit,

~~to compute~~ computing a reference for a variance by using said standard normalized random number set, and

~~to judge~~ determining whether said reference for a variance is in a range of a variance of elementary unit based on said forecast model information ~~of said project~~ ,

~~so that~~ adding said reference for variance as a variance of elementary unit to said reference for said elementary unit for a case that said reference for a variance is in a range of a variance of said elementary unit~~and~~

~~estimate of starting date is obtained in said steps therein~~.

16. (Currently amended) A project assessment method as defined in Claim 15, ~~wherein~~ further includes estimating the ending date by steps comprising:

~~a step to compute~~ computing an estimate of starting date as said at least one of parameters ~~has functions to~~ ,

~~judge~~ determining whether a objective process has a pre-sequential order limited process by using ~~information of~~ said process planning information, and

~~to resultantly set~~ setting an ending date of said pre-sequential order limited process as a reference for starting date of said objective process for a case that said objective process has said pre-sequential order limited process, and

~~set~~ setting a starting date of estimated starting date of said process as a reference for starting date of said objective process for a case that said objective process does not have said pre-sequential order limited process,

~~to extract~~ extracting information of probability distribution model of a variance of starting date from said forecast model information of said project,

~~to compute~~ computing a standard normalized random number set by a simulation based on a variance of starting date,

~~to compute~~ computing a reference for a variance by using said standard normalized random number set,

~~to judge~~ determining whether said reference for a variance is in a range of a variance of starting date based on said forecast model information of said project ~~so that~~,

adding said reference for variance as a variance of starting date to said reference for starting date for a case that said reference for a variance is in a range of a variance of starting date, and

~~said step to compute~~ computing an estimate of starting date as said at least one of parameters,

~~has further functions to compute~~ computing an estimate of workdays by multiplying said estimate of elementary unit with an estimated materials in said process planning,

~~and to add~~ adding said estimate of workdays to said estimate of starting date~~ and estimate of ending date is obtained in said steps therein~~.

17. (Currently amended) A project assessment method as defined in Claim 15, wherein ~~a step to compute~~ further includes computing an estimate of starting date as said at least one of parameters ~~has functions~~ , by steps comprising:

~~to judge~~ determining whether ~~a~~ an objective process has a pre-sequential order limited process by using ~~information of~~ said process planning information,

~~and to resultantly set~~ setting an ending date of said pre-sequential order limited process as a reference for starting date of said objective process for a case that said objective process has said pre-sequential order limited process, and

~~set~~ setting a starting date of estimated starting date of said process as a reference for starting date of said objective process for a case that said objective process does not have said pre-sequential order limited process,

~~to extract~~ extracting information of probability distribution model of a variance of starting date from said forecast model information of said project,

~~to compute~~ computing a standard normalized random number set by a simulation based on a variance of starting date,

~~to compute~~ computing a reference for a variance by using said standard normalized random number set,

~~to judge~~ determining whether said reference for a variance is in a range of a variance of the starting date based on said forecast model information ~~of said project so that adding~~

adding said reference for variance as a variance of starting date to said reference for starting date for a case that said reference for a variance is in a range of a variance of starting date, and

~~said step to compute an estimate of starting date as said at least one of parameters has further functions~~

~~to compute~~ computing an estimate of workdays by multiplying said estimate of elementary unit with an estimated materials in said process planning ~~and to~~ ,

~~add~~ adding said estimate of workdays to said estimate of starting date and

an estimate of ending date is obtained in said steps therein,

and ~~wherein~~ determining whether said estimate of staring date and said estimate of ending date ~~are judged whether said two estimates~~ satisfy a critical term of said process planning information ~~so that~~ ,

~~a amendment is done for~~ amending said estimates to satisfy said critical term for a case that said two estimates do not satisfy said critical term of said process planning information.

18. (Currently amended) A project assessment method as defined in Claim 15, further includes computing an estimate of starting date as said at least one of parameters by steps comprising:

~~wherein a step to compute an estimate of starting date as said at least one of parameters has functions~~

~~to judge~~ determining whether ~~a~~ an objective process has a pre-sequential order limited process by using ~~information of~~ said process planning information,

~~and to resultantly set~~ setting an ending date of said pre-sequential order limited process as a reference for starting date of said objective process for a case that said objective process has said pre-sequential order limited process, and

~~set~~ setting a starting date of estimated starting date of said process as ~~a~~ the reference for starting date of said objective process for a case that said objective process does not have said pre-sequential order limited process,

~~to extract~~ extracting information of probability distribution model of a variance of starting date from said forecast model information of said project,

~~to compute~~ computing a standard normalized random number set by a simulation based on a variance of the starting date,

~~to compute~~ computing a reference for a variance by using said standard normalized random number set,

~~to judge~~ judging whether said reference for a variance is in a range of a variance of the starting date based on said forecast model information ~~of said project so that~~ ,

adding said reference for variance as a variance of starting date to said reference for starting date for a case that said reference for a variance is in a range of a variance of starting date, and

~~said step to compute an estimate of starting date as said at least one of parameters has functions to compute~~ the method further includes steps for obtaining an estimate of ending date by steps comprising:

computing an estimate of workdays by multiplying said estimate of elementary unit with an estimated materials in said process planning information,

~~and to add~~ adding said estimate of workdays to said estimate of starting date, and

~~estimate of ending date is obtained in said steps therein,~~

~~and wherein~~ determining whether said estimate of staring date and said estimate of ending date ~~are judged whether said two estimates~~ satisfy a critical term of said process planning information,

~~so that a amendment is done for~~ amending said estimates to satisfy said critical term for a case that said two estimates do not satisfy critical term of said process planning, and

~~said step to compute~~ the method further includes steps for computing an estimate of man-days as said at least one of parameters ~~has further functions to compute an estimate of man-days by~~ , comprising:

multiplying said estimate of elementary unit with an estimated materials, and then dividing ~~with~~ by said amended estimate of workdays ~~obtained by said estimate of workdays, and~~

~~estimate of man-days is obtained in said steps therein~~.